

# STN Columbus

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 NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40 minutes  
 NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source (CS) field  
 NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced  
 NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for U.S. patents  
 NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY  
 NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus  
 NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded  
 NEWS 9 OCT 21 Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models  
 NEWS 10 NOV 23 Addition of SCAN format to selected STN databases  
 NEWS 11 NOV 23 Annual Reload of IFI Databases  
 NEWS 12 DEC 01 FRFULL Content and Search Enhancements  
 NEWS 13 DEC 01 DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets  
 NEWS 14 DEC 02 Derwent World Patent Index: Japanese FI-TERM thesaurus added  
 NEWS 15 DEC 02 PCTGEN enhanced with patent family and legal status display data from INPADOCDB  
 NEWS 16 DEC 02 USGENE: Enhanced coverage of bibliographic and sequence information  
 NEWS 17 DEC 21 New Indicator Identifies Multiple Basic Patent Records Containing Equivalent Chemical Indexing in CA/CAPLUS

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
 AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 20:11:04 ON 24 DEC 2009

-> file ca		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'CA' ENTERED AT 20:11:23 ON 24 DEC 2009

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FILE COVERS 1907 - 17 Dec 2009 VOL 151 ISS 26  
FILE LAST UPDATED: 17 Dec 2009 (20091217/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

CA now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s tablet?
L1      108428 TABLET?

=> s (acrylic polymer)
      321240 ACRYLIC
      1257231 POLYMER
L2      40497 (ACRYLIC POLYMER)
      (ACRYLIC(W)POLYMER)

=> s (harden?)
L3      211552 (HARDEN?)

=> s l1 and l2
L4      206 L1 AND L2

=> s l3 and l4
L5      0 L3 AND L4

=> s (ammoniometh-acrylate?)
      0 AMMONIOMETH
      226495 ACRYLATE?
L6      0 (AMMONIOMETH-ACRYLATE?)
      (AMMONIOMETH(W)ACRYLATE?)

=> s (ammonio meth-acrylate?)
      1479 AMMONIO
      43865 METH
      226495 ACRYLATE?
L7      0 (AMMONIO METH-ACRYLATE?)
      (AMMONIO(W)METH(W)ACRYLATE?)

=> s (cur? or hard?)
      2092932 CUR?
      652453 HARD?
L8      2660601 (CUR? OR HARD?)

=> s l4 and l8
L9      34 L4 AND L8

=> d l-34

L9 ANSWER 1 OF 34 CA COPYRIGHT 2009 ACS on STN
Full Text
AN 140:276172 CA
TI Taste masked dosage forms comprising acrylic polymers and processes for
their preparation
IN Murpani, Deepak; Arora, Vinod Kumar; Malik, Rajiv
PA Ranbaxy Laboratories Limited, India
```

SO PCT Int. Appl., 23 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004022037	A1	20040318	WO 2003-IB3779	20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SJ, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
IN 194610	A1	20041120	IN 2002-DE903	20020904
IN 2002DE00903	A	20050121		
CA 2497176	A1	20040318	CA 2003-2497176	20030904
AU 2003259417	A1	20040329	AU 2003-259417	20030904
EP 1536774	A1	20050608	EP 2003-793976	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003014036	A	20050712	BR 2003-14036	20030904
CN 1688292	A	20051026	CN 2003-824574	20030904
JP 2006502156	T	20060119	JP 2004-533743	20030904
IN 2005DN00822	A	20071130	IN 2005-DN822	20050302
US 20060039981	A1	20060223	US 2005-526844	20050727
PRAI IN 2002-DE903	A	20020904		
WO 2003-IB3779	W	20030904		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)  
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 140:151948 CA  
 TI Sustained release of guaifenesin combination drugs  
 IN Davis, Robert D.; Blume, Ralph W.; Keyser, Donald Jeffrey  
 FA USA  
 SO U.S. Pat. Appl. Publ., 72 pp., Cont.-in-part of U.S. Ser. No. 121,706.  
 CODEN: USXXCO

DT Patent  
 LA English  
 FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 20040022851	A1	20040205	US 2003-406574	20030404
US 6372252	B1	20020416	US 2000-559542	20000428
EP 1913937	A1	20080423	EP 2008-1694	20010426
R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR				
US 20030049318	A1	20030313	US 2002-121706	20020415
US 6955821	B2	20051018		
CA 2481739	A1	20031030	CA 2003-2481739	20030415
WO 2003088952	A1	20031030	WO 2003-US11500	20030415
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003237807	A1	20031103	AU 2003-237807	20030415
AU 2003237807	B2	20081023		
EP 1503739	A1	20050209	EP 2003-736462	20030415

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK

CN	1655766	A	20050817	CN	2003-812511	20030415
JP	2005528402	T	20050922	JP	2003-585704	20030415
NZ	562286	A	20080731	NZ	2003-562286	20030415
NZ	561044	A	20090331	NZ	2003-561044	20030415
MX	2004010225	A	20050705	MX	2004-10225	20041014

PRAI US 2000-559542 A2 20000428  
US 2002-121706 A2 20020415  
EP 2001-928870 A3 20010426  
US 2003-406557 A 20030404  
US 2003-406574 A 20030404  
WO 2003-US11500 W 20030415

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L9 ANSWER 3 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 138:29148 CA  
TI Controlled release dosage forms using **acrylic polymer**  
IN Kao, Huai-Hung; Zeng, Yadi; Jim, Fai; Cheng, Sou-Chan  
PA Endo Pharmaceuticals, Inc., USA  
SO PCT Int. Appl., 20 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100382	A2	20021219	WO 2002-US18088	20020607
	WO 2002100382	A3	20031016		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2449519	A1	20021219	CA 2002-2449519	20020607
	AU 2002314968	A1	20021223	AU 2002-314968	20020607
	AU 2002314968	B2	20061207		
	EP 1392250	A2	20040303	EP 2002-741900	20020607
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	CN 1514722	A	20040721	CN 2002-811475	20020607
	CN 100356907	C	20071226		
	JP 2004534056	T	20041111	JP 2003-503205	20020607
	US 20050169990	A1	20050804	US 2004-501798	20040719
PRAI	US 2001-297150P	P	20010608		
	WO 2002-US18088	W	20020607		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 135:262136 CA  
TI Properties of **tablets** containing granulations of ibuprofen and an acrylic copolymer prepared by thermal processes  
AU Kidokoro, Motonori; Shah, Navnit H.; Malick, A. Waseem; Infeld, Martin H.; McGinity, James W.  
CS College of Pharmacy, The University of Texas at Austin, Austin, TX, 78712, USA  
SO Pharmaceutical Development and Technology (2001), 6(2), 263-275  
CODEN: PDTEFS; ISSN: 1083-7450  
PB Marcel Dekker, Inc.  
DT Journal  
LA English  
OSC.G 15 THERE ARE 15 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 135:111875 CA  
TI A multiparticulate drug-delivery system based on pellets incorporated into  
congealable polyethylene glycol carrier materials  
AU Schmidt, C.; Bodmeier, R.  
CS College of Pharmacy, Freie Universitat Berlin, Berlin, 12169, Germany  
SO International Journal of Pharmaceutics (2001), 216(1-2), 9-16  
CODEN: IJPHDE; ISSN: 0378-5173  
PB Elsevier Science B.V.  
DT Journal  
LA English  
OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)  
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 135:24570 CA  
TI Influence of **curing** on the adhesive and thermomechanical properties of  
an applied **acrylic polymer**  
AU Felton, Linda A.; Baca, Miranda L.  
CS College of Pharmacy, Health Sciences Center, University of New Mexico,  
Albuquerque, NM, 87131, USA  
SO Pharmaceutical Development and Technology (2001), 6(1), 53-59  
CODEN: PDTEFS; ISSN: 1083-7450  
PB Marcel Dekker, Inc.  
DT Journal  
LA English  
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)  
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 7 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 134:368643 CA  
TI Detergent **tablets** with improved water solubility  
IN Schmid, Karl Heinz; Fabry, Bernd; Stanislawski, Detlev  
PA Cognis Deutschland G.m.b.H., Germany  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
PI WO 2001034757 A1 20010517 WO 2000-EP10688 20001031  
W: JP, US  
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE  
DE 19953794 A1 20010517 DE 1999-19953794 19991109  
EP 1228186 A1 20020807 EP 2000-972881 20001031  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL  
PRAI DE 1999-19953794 A 19991109  
WO 2000-EP10688 W 20001031  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 134:368638 CA  
TI Granulated antifoaming agent for solid detergents, rinsing agents and  
cleaning compositions  
IN Schmid, Karl Heinz; Fabry, Bernd; Stanislawski, Detlev  
PA Cognis Deutschland G.m.b.H., Germany  
SO PCT Int. Appl., 37 pp.  
CODEN: PIXXD2  
DT Patent

LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001034746	A1	20010517	WO 2000-EP10686	20001031
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19953797	A1	20010517	DE 1999-19953797	19991109
EP 1228180	A1	20020807	EP 2000-981219	20001031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
PRAI DE 1999-19953797	A	19991109		
WO 2000-EP10686	W	20001031		
OSC.G 3			THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)	
RE.CNT 8			THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD	
			ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L9 ANSWER 9 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 134:198101 CA  
TI Delayed-release pharmaceutical formulations containing acrylic polymers  
IN Andina, Christian; Fanning, Niall; Palmer, Fiona; Stark, Paul  
PA Elan Corporation, Plc., Ire.  
SO PCT Int. Appl., 38 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001013898	A2	20010301	WO 2000-GB3309	20000829
WO 2001013898	A3	20010525		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2380333	A1	20010301	CA 2000-2380333	20000829
AU 2000067156	A	20010319	AU 2000-67156	20000829
EP 1206250	A2	20020522	EP 2000-954802	20000829
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003507416	T	20030225	JP 2001-518036	20000829
PRAI US 1999-150880P	P	19990826		
US 1999-150891P	P	19990826		
US 1999-151221P	P	19990826		
WO 2000-GB3309	W	20000829		
OSC.G 3			THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)	
RE.CNT 4			THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD	
			ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L9 ANSWER 10 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 133:282676 CA  
TI Epoxy resin compositions and their **tablets** for packaging semiconductor devices  
IN Mori, Takeshi  
PA Sumitomo Bakelite Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000273289	A	20001003	JP 1999-77960	19990323
PRAI JP 1999-77960		19990323		

L9 ANSWER 11 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 130:111599 CA

TI Preparation of polyurethanes for use in aqueous two-component clear coatings

IN Hintze-Bruening, Horst; Rink, Heinz-Peter; Weinert, Peter

PA Basf Coatings A.-G., Germany

SO Ger. Offen., 14 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19728411	A1	19990107	DE 1997-19728411	19970703
	DE 19728411	C2	20010927		
	CA 2294748	A1	19990114	CA 1998-2294748	19980701
	WO 9901491	A1	19990114	WO 1998-EP4069	19980701
	W: BR, CA, JP, MX, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 993479	A1	20000419	EP 1998-935011	19980701
	EP 993479	B1	20010926		
	R: AT, DE, ES, FR, GB				
	BR 9811654	A	20000905	BR 1998-11654	19980701
	AT 206143	T	20011015	AT 1998-935011	19980701
	ES 2165179	T3	20020301	ES 1998-935011	19980701
	JP 20020508803	T	20020319	JP 1999-506340	19980701
	US 6399718	B1	20020604	US 2000-446695	20000221
PRAI	DE 1997-19728411	A	19970703		
	WO 1998-EP4069	W	19980701		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 127:225174 CA

OREF 127:43805a,43808a

TI Influence of plasticizers on the adhesive properties of an acrylic resin copolymer to hydrophilic and hydrophobic **tablet** compacts

AU Felton, Linda A.; McGinity, James W.

CS Drug Dynamics Institute, College of Pharmacy, The University of Texas at Austin, Austin, TX, 78712, USA

SO International Journal of Pharmaceutics (1997), 154(2), 167-178

CODEN: IJPHDE; ISSN: 0378-5173

PB Elsevier

DT Journal

LA English

OSC.G 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 126:148382 CA

OREF 126:28626h,28627a

TI Influence of **tablet hardness** and hydrophobicity on the adhesive properties of an acrylic resin copolymer

AU Felton, Linda A.; McGinity, James W.

CS College Pharmacy, Univ. Texas, Austin, TX, 78712, USA

SO Pharmaceutical Development and Technology (1996), 1(4), 381-389

CODEN: PDTEFS; ISSN: 1083-7450

PB Dekker

DT Journal

LA English

OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

Full Text

AN 126:79925 CA

OREF 126:15357a,15360a

TI Controlled-release formulations coated with aqueous dispersions of acrylic polymers

IN Oshlack, Benjamin; Pedi, Frank, Jr.; Chasin, Mark

PA Euro-Celtique, S.A., Luxembourg

SO U.S., 33 pp., Cont.-in-part of U.S. 5,286,493.

CODEN: USXXAM

DT Patent

LA English

FAN,CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5580578	A	19961203	US 1993-97558	19930727
	US 5286493	A	19940215	US 1992-826084	19920127
	CA 2074309	A1	19930728	CA 1992-2074309	19920721
	CA 2074309	C	19991123		
	ZA 9206587	A	19930302	ZA 1992-6587	19920729
	AT 184786	T	19991015	AT 1992-113236	19920803
	ES 2141713	T3	20000401	ES 1992-113236	19920803
	JP 05201856	A	19930810	JP 1992-219133	19920818
	JP 3957329	B2	20070815		
	IL 102851	A	19970610	IL 1992-102851	19920818
	RU 2127587	C1	19990320	RU 1992-4344	19921019
	AU 9229679	A	19930729	AU 1992-29679	19921126
	AU 660512	B2	19950629		
	BR 9204577	A	19930803	BR 1992-4577	19921126
	NO 9204597	A	19930728	NO 1992-4597	19921127
	NO 309360	B1	20010122		
	HU 219350	B	20001028	HU 1993-83	19930114
	HU 66961	A2	20010328		
	PL 171376	B1	19970430	PL 1993-297534	19930126
	CA 2128591	A1	19950128	CA 1994-2128591	19940721
	CA 2128591	C	19990323		
	AU 9468689	A	19950209	AU 1994-68689	19940725
	AU 886168	B2	19980205		
	EP 636366	A2	19950201	EP 1994-111733	19940727
	EP 636366	A3	19980204		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5639476	A	19970617	US 1995-459110	19950602
	US 5968551	A	19991019	US 1995-508246	19950727
	US 5958459	A	19990928	US 1995-561829	19951127
	IN 182215	A1	19990206	IN 1996-CA1452	19960813
	US 6143353	A	20001107	US 1997-816023	19970311
	HK 1005687	A1	20000420	HK 1998-104871	19980604
	US 6294195	B1	20010925	US 1999-390719	19990907
	GR 3032106	T3	20000331	GR 1999-403197	19991213
	AU 9965526	A	20000302	AU 1999-65526	19991224
	US 20030198673	A1	20031023	US 2002-273434	20021017
	US 7070806	B2	20060704		
	US 20030180361	A1	20030925	US 2003-392586	20030320
	US 7270831	B2	20070918		
	US 20040121001	A1	20040624	US 2003-731678	20031208
	AU 2004229058	A1	20041202	AU 2004-229058	20041111
	AU 2005201142	A1	20050407	AU 2005-201142	20050317
	AU 2005201142	B2	20090115		
	AU 2005203460	A1	20050901	AU 2005-203460	20050804
	AU 2005203460	B2	20090115		
	US 20080181941	A1	20080731	US 2007-840452	20070817
	JP 2008024708	A	20080207	JP 2007-213400	20070820
	US 20080044482	A1	20080221	US 2007-856610	20070917
	US 20090068269	A1	20090312	US 2008-207702	20080910
PRAI	US 1992-826084	A2	19920127		
	US 1991-814111	A2	199111224		
	US 1993-81618	A2	19930623		
	US 1993-86248	B2	19930701		
	US 1993-97558	A	19930727		
	US 1993-133503	B1	19931007		
	IN 1994-CA455	A1	19940615		
	JP 1994-221510	A3	19940916		



AU 1994-74455	A3	19941005
US 1995-459110	A2	19950602
US 1995-508246	A1	19950727
US 1997-816023	A1	19970311
AU 1997-17807	A3	19970409
US 1999-370270	A	19990809
AU 1999-44493	A3	19990813
US 1999-390719	A1	19990907
US 2000-707276	B1	20001106
US 2001-891882	A1	20010626
AU 2002-29207	A3	20020328
US 2003-392586	A1	20030320
US 2003-731678	A3	20031208

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OSC.G 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)  
 RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 122:277767 CA

OREF 122:50421h,50422a

TI Liquid-crystal optical modulating device containing **acrylic polymer**  
 IN Kin, Tatsuchihiro; Uchama, Akihiko; Igarashi, Satoshi; Nakatani, Kenji  
 PA Teijin Ltd, Japan  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07049484	A	19950221	JP 1993-194589	19930805
PRAI	JP 1993-194589		19930805		

L9 ANSWER 16 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 119:146620 CA

OREF 119:26105a,26108a

TI Stabilized controlled-release formulations having **acrylic polymer** coating  
 IN Oshlack, Benjamin; Chasin, Mark; Pedi, Frank, Jr.  
 PA Euro-Celtique S.A., Luxembourg  
 SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDM

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 553392	A1	19930804	EP 1992-113236	19920803
	EP 553392	B1	19990922		
	EP 553392	B2	20071205		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5286493	A	19940215	US 1992-826084	19920127
	CA 2074309	A1	19930728	CA 1992-2074309	19920721
	CA 2074309	C	19991123		
	ZA 9206587	A	19930302	ZA 1992-6587	19920729
	AT 184786	T	19991015	AT 1992-113236	19920803
	ES 2141713	T3	20000401	ES 1992-113236	19920803
	JP 05201856	A	19930810	JP 1992-219133	19920818
	JP 3957329	B2	20070815		
	IL 102851	A	19970610	IL 1992-102851	19920818
	RU 2127587	C1	19990320	RU 1992-4344	19921019
	AU 9229679	A	19930729	AU 1992-29679	19921126
	AU 660512	B2	19950629		
	BR 9204577	A	19930803	BR 1992-4577	19921126
	NO 9204597	A	19930728	NO 1992-4597	19921127
	NO 309360	B1	20010122		
	HU 219350	B	20001028	HU 1993-83	19930114
	HU 66961	A2	20010328		
	PL 171376	B1	19970430	PL 1993-297534	19930126
	IN 182215	A1	19990206	IN 1996-CA1452	19960813

HK 1005687	A1	20000420	HK 1998-104871	19980604
GR 3032106	T3	20000331	GR 1999-403197	19991213
AU 9965526	A	20000302	AU 1999-65526	19991224
AU 2004229058	A1	20041202	AU 2004-229058	20041111
AU 2005201142	A1	20050407	AU 2005-201142	20050317
AU 2005201142	B2	20090115		
AU 2005203460	A1	20050901	AU 2005-203460	20050804
AU 2005203460	B2	20090115		
JP 2008024708	A	20080207	JP 2007-213400	20070820
PRAI US 1992-826084	A	19920127		
IN 1994-CA455	A1	19940615		
JP 1994-221510	A3	19940916		
AU 1994-74455	A3	19941005		
AU 1997-17807	A3	19970409		
US 1999-370270	A	19990809		
AU 1999-44493	A3	19990813		
AU 2002-29207	A3	20020328		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L9 ANSWER 17 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 119:103218 CA  
OREF 119:18417a,18420a  
TI Indexes of **tableting** performance for acrylic resin polymers with plastic and brittle drugs  
AU Schulze, Mark D.; McGinity, James W.  
CS Coll. Pharm., Univ. Texas, Austin, TX, 78712-1074, USA  
SO Drug Development and Industrial Pharmacy (1993), 19(12), 1393-411  
CODEN: DDIPD8; ISSN: 0363-9045  
DT Journal  
LA English  
OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L9 ANSWER 18 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 115:214681 CA  
OREF 115:36511a,36514a  
TI Physical-mechanical properties of spray-dried and milled acrylic resin polymers in combination with a brittle or plastic drug  
AU Schulze, M. D.; McGinity, James W.  
CS Glaxo Inc., Zebulon, VA, 27597, USA  
SO S.T.P. Pharma Sciences (1991), 1(3), 165-71  
CODEN: STSSE5; ISSN: 1157-1489  
DT Journal  
LA English

L9 ANSWER 19 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 115:166534 CA  
OREF 115:28347a,28350a  
TI Coating of certain matrix cores with aqueous-based systems of acrylate methacrylate, a water-insoluble copolymer and drug release profiles  
AU Okor, R. S.; Otimenyin, S.; Ijeh, I.  
CS Dep. Pharm., Univ. Benin, Benin City, Nigeria  
SO Journal of Controlled Release (1991), 16(3), 349-53  
CODEN: JCREEC; ISSN: 0168-3659  
DT Journal  
LA English  
OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L9 ANSWER 20 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 114:214324 CA  
OREF 114:35989a,35992a  
TI Effects of additives on flurbiprofen controlled-release preparations  
AU Efentakis, Manuel; Al-Hmoud, Hasan; Choulis, Nicolas  
CS Sch. Pharm., Univ. Athens, Athens, GR-10680, Greece  
SO Acta Pharmaceutica Technologica (1990), 36(4), 237-9  
CODEN: APTEDD; ISSN: 0340-3157  
DT Journal  
LA English

L9 ANSWER 21 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 113:49861 CA

OREF 113:8297a,8300a

TI Ultraviolet- or optical ray-**curable** storage-stable composition for resist or lithographic plate

IN Shimizu, Shigeki; Urano, Toshiyoshi

PA Mitsubishi Kasei Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02047658	A	19900216	JP 1988-199166	19880810
PRAI	JP 1988-199166		19880810		

L9 ANSWER 22 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 113:49860 CA

OREF 113:8297a,8300a

TI Ultraviolet- or optical ray-**curable** storage-stable composition for resist or lithographic plate

IN Shimizu, Shigeki; Urano, Toshiyoshi

PA Mitsubishi Kasei Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02047657	A	19900216	JP 1988-199165	19880810
PRAI	JP 1988-199165		19880810		

L9 ANSWER 23 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 112:125110 CA

OREF 112:21079a,21082a

TI Preparation and in vitro evaluation of prolonged release iron **tablets** containing Eudragit-walled microcapsules

AU Nada, Aly H.; El-Shibini, Hussein A.; Abd-Elghani, Yasser M.

CS Fac. Pharm., Univ. Alexandria, Alexandria, Egypt

SO Alexandria Journal of Pharmaceutical Sciences (1989), 3(2), 207-11

CODEN: AJPSSE; ISSN: 1110-1792

DT Journal

LA English

L9 ANSWER 24 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 112:101066 CA

OREF 112:17171a,17174a

TI Mixtures of alginates and polyacrylates for pharmaceutical **tablets**

IN Einig, Heinz; Stieren, Baerbel; Buehler, Volker; Hollmann, Matthias

PA Knoll A.-G. Chemische Fabriken, Fed. Rep. Ger.

SO Eur. Pat. Appl., 5 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 334167	A1	19890927	EP 1989-104502	19890314
EP	334167	B1	19930519		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	DE 3809764	A1	19891005	DE 1988-3809764	19880323
	CA 1339194	C	19970805	CA 1989-593385	19890310
	AT 89580	T	19930615	AT 1989-104502	19890314
	ES 2054906	T3	19940816	ES 1989-104502	19890314

JP	02006543	A	19900110	JP 1989-66441	19890320
JP	2901635	B2	19990607		
FI	8901329	A	19890924	FI 1989-1329	19890321
FI	102184	B	19981030		
FI	102184	B1	19981030		
DK	8901427	A	19890924	DK 1989-1427	19890322
DK	174299	B1	20021125		
US	5230901	A	19930727	US 1992-966576	19921026
PRAI	DE 1988-3809764	A	19880323		
	US 1989-321276	B1	19890309		
	EP 1989-104502	A	19890314		
	US 1991-655200	B1	19910214		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
OSC.G 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

L9 ANSWER 25 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 107:155867 CA  
OREF 107:25083a,25086a  
TI Adhesive compositions used in water  
IN Ito, Toshio; Kikuchi, Takashi  
PA Nichiban Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62068869	A	19870328	JP 1985-206345	19850920
	JP 05008952	B	19930203		
PRAI	JP 1985-206345		19850920		

L9 ANSWER 26 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 107:102558 CA  
OREF 107:16625a,16628a  
TI Controlled-release theophylline **tablet** formulations containing acrylic resins. II. Combination resin formulations  
AU Cameron, Claud G.; McGinity, James W.  
CS Coll. Pharm., Univ. Texas, Austin, TX, 78712-1074, USA  
SO Drug Development and Industrial Pharmacy (1987), 13(8), 1409-27  
CODEN: DDIPD8; ISSN: 0363-9045  
DT Journal  
LA English  
OSC.G 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)

L9 ANSWER 27 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 106:182565 CA  
OREF 106:29537a,29540a  
TI Controlled-release theophylline **tablet** formulations containing acrylic resins. III. Influence of filler excipient  
AU Cameron, Claud G.; McGinity, James W.  
CS Coll. Pharm., Univ. Texas, Austin, TX, 78712-1074, USA  
SO Drug Development and Industrial Pharmacy (1987), 13(2), 303-18  
CODEN: DDIPD8; ISSN: 0363-9045  
DT Journal  
LA English  
OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

L9 ANSWER 28 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 105:232315 CA  
OREF 105:37443a,37446a  
TI Study on drug microforms. XIV. Evaluation of isolated membranes of domestic polyacrylates  
AU Heliova, M.; Rak, J.; Chalabala, M.  
CS Farm. Fak., Bratislava, Czech.  
SO Farmaceuticky Obzor (1986), 55(9), 401-5  
CODEN: FAOBAS; ISSN: 0014-8172  
DT Journal

LA Slovak

L9 ANSWER 29 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 103:76211 CA

OREF 103:12203a,12206a

TI Polymer coated excipient for sustained release **tablet** formulations

AU Chiarabaglio, G.; Maffione, G.; Moro, L.; Neri, G.

CS Farmitalia Carlo Erba S.p.A., Milan, 20146, Italy

SO Expo. - Congr. Int. Technol. Pharm., 3rd (1983), Volume 3, 119-27

Publisher: Assoc. Pharm. Galenique Ind., Chatenay-Malabry, Fr.

CODEN: 53YCA8

DT Conference

LA English

L9 ANSWER 30 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 102:209250 CA

OREF 102:32729a,32732a

TI Biopharmaceutical stability of amoxicillin in **tablets** elaborated with a gastrosoluble **acrylic polymer**

AU Martinez-Pacheco, R.; Vila-Jato, J. L.; Souto, C.; Concheiro, A.

CS Fac. Farm., Santiago de Compostela, Spain

SO Biopharm. Pharmacokinet., Eur. Congr., 2nd (1984), Volume 1, 298-307.

Editor(s): Aiache, J. M.; Hirtz, J. Publisher: Lavoisier, Paris, Fr.

CODEN: 53JFAA

DT Conference

LA English

L9 ANSWER 31 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 99:43531 CA

OREF 99:6757a,6760a

TI Pharmaceutical composition with sustained active ingredient release

IN Moro, Luigi; Maffione, Grazia; Neri, Guido; Rigamonti, Alessandro

PA Farmitalia Carlo Erba S.p.A., Italy

SO Ger. Offen., 27 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3228999	A1	19830224	DE 1982-3228999	19820803
	DE 3228999	C2	19870402		
	DE 3228999	C3	19910627		
	AU 8286606	A	19830210	AU 1982-86606	19820730
	AU 557693	B2	19870108		
	NL 8203057	A	19830301	NL 1982-3057	19820730
	GB 2107214	A	19830427	GB 1982-22004	19820730
	GB 2107214	B	19850424		
	US 4499066	A	19850212	US 1982-403475	19820730
	AT 8202950	A	19860415	AT 1982-2950	19820730
	AT 381639	B	19861110		
	CA 1217721	A1	19870207	CA 1982-408550	19820730
	IL 66435	A	19861231	IL 1982-66435	19820801
	DK 8203456	A	19830206	DK 1982-3456	19820802
	DK 161182	B	19910610		
	DK 161182	C	19911125		
	FI 8202683	A	19830206	FI 1982-2683	19820802
	ZA 8205553	A	19830629	ZA 1982-5553	19820802
	CH 657046	A5	19860815	CH 1982-4662	19820802
	FR 2510888	A1	19830211	FR 1982-13542	19820803
	FR 2510888	B1	19860321		
	JP 58029717	A	19830222	JP 1982-134775	19820803
	JP 01016808	B	19890327		
	SE 8204581	A	19830206	SE 1982-4581	19820804
	SE 454325	B	19880425		
	SE 454325	C	19880804		
	PRAI IT 1981-23374	A	19810805		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 32 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 98:113620 CA

OREF 98:17213a

TI Biopharmaceutical study of acetylsalicylic acid **tablets** made from acrylic resin-encapsulated particles

AU Meshali, Mahasen M.; El-Sabbagh, H.

CS Fac. Pharm., Mansoura Univ., Mansoura, Egypt

SO Acta Pharmaceutica Technologica (1982), 28(4), 287-90

CODEN: APTEDD; ISSN: 0340-3157

DT Journal

LA English

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L9 ANSWER 33 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 97:163991 CA

OREF 97:27369a,27372a

TI Visible-light-**curable** resin compositions

PA Teijin Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57076009	A	19820512	JP 1980-151338	19801030
PRAI	JP 1980-151338		19801030		

L9 ANSWER 34 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 77:66170 CA

OREF 77:10899a,10902a

TI Elect of talcum and magnesium stearate on enteric coatings. I

AU Selles Flores, E.; Cordoba Borrego, M.

CS Dep. Farm. Galenica, Fac. Farm., Madrid, Spain

SO Galenica Acta (1970), 23(3-4-5), 111-39; (6), 167-204

CODEN: GLNAA6; ISSN: 0016-4011

DT Journal

LA Spanish

=> d an ti in pa so pi ab kwic 16 17 31 33

L9 ANSWER 16 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 119:146620 CA

OREF 119:26105a,26108a

TI Stabilized controlled-release formulations having **acrylic polymer** coating

IN Oshlack, Benjamin; Chasin, Mark; Pedi, Frank, Jr.

PA Euro-Celtique S.A., Luxembourg

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 553392	A1	19930804	EP 1992-113236	19920803
	EP 553392	B1	19990922		
	EP 553392	B2	20071205		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5286493	A	19940215	US 1992-826084	19920127
	CA 2074309	A1	19930728	CA 1992-2074309	19920721
	CA 2074309	C	19991123		
	ZA 9206587	A	19930302	ZA 1992-6587	19920729
	AT 184786	T	19991015	AT 1992-113236	19920803
	ES 2141713	T3	20000401	ES 1992-113236	19920803
	JP 05201856	A	19930810	JP 1992-219133	19920818
	JP 3957329	B2	20070815		
	IL 102851	A	19970610	IL 1992-102851	19920818

	RU 2127587	C1	19990320	RU 1992-4344	19921019
	AU 9229679	A	19930729	AU 1992-29679	19921126
	AU 660512	B2	19950629		
	BR 9204577	A	19930803	BR 1992-4577	19921126
	NO 9204597	A	19930728	NO 1992-4597	19921127
	NO 309360	B1	20010122		
	HU 219350	B	20001028	HU 1993-83	19930114
	HU 66961	A2	20010328		
	PL 171376	B1	19970430	PL 1993-297534	19930126
	IN 182215	A1	19990206	IN 1996-CA1452	19960813
	HK 1005687	A1	20000420	HK 1998-104871	19980604
	GR 3032106	T3	20000331	GR 1999-403197	19991213
	AU 9965526	A	20000302	AU 1999-65526	19991224
	AU 2004229058	A1	20041202	AU 2004-229058	20041111
	AU 2005201142	A1	20050407	AU 2005-201142	20050317
	AU 2005201142	B2	20090115		
	AU 2005203460	A1	20050901	AU 2005-203460	20050804
	AU 2005203460	B2	20090115		
	JP 2008024708	A	20080207	JP 2007-213400	20070820
AB	A stabilized solid controlled-release dosage form having a coating derived from an aq. dispersion of an <b>acrylic polymer</b> is obtained by overcoating a substrate including a therapeutically active agent with an aq. dispersion of the plasticized <b>acrylic polymer</b> and then <b>curing</b> the coated substrate at a temp. above the glass transition temp. of the plasticized <b>acrylic polymer</b> . The coated dosage form shows a stabilized dissoln. profile substantially unaffected by exposure to storage conditions of elevated temp. and/or elevated relative humidity. For example, hydromorphone beads were prepd. by spraying a mixt. of hydromorphone-HCl and Opadry Y-5-1442 onto Nu-pareil 18/20 beads and the beads were overcoated with Eudragit RS 30D.				
TI	Stabilized controlled-release formulations having <b>acrylic polymer</b> coating				
AB	A stabilized solid controlled-release dosage form having a coating derived from an aq. dispersion of an <b>acrylic polymer</b> is obtained by overcoating a substrate including a therapeutically active agent with an aq. dispersion of the plasticized <b>acrylic polymer</b> and then <b>curing</b> the coated substrate at a temp. above the glass transition temp. of the plasticized <b>acrylic polymer</b> . The coated dosage form shows a stabilized dissoln. profile substantially unaffected by exposure to storage conditions of elevated temp. and/or. . .				
ST	controlled release <b>acrylic polymer</b> coating				
IT	Steroids, biological studies				
	RL: BIOL (Biological study)				
	(anti-inflammatory, controlled-release formulations contg., <b>acrylic polymer</b> coating in)				
IT	Analgesics				
	Antacids and Antiflatulents				
	Antibiotics				
	Anticonvulsants and Antiepileptics				
	Antiemetics				
	Antihistaminics				
	Antihypotensives				
	Antitussives				
	Bronchodilators				
	Cathartics				
	Decongestants				
	Diuretics				
	Expectorants				
	Hypnotics and Sedatives				
	Inflammation inhibitors				
	Muscle relaxants				
	Psychotropics				
	Vasodilators				
	Hormones				
	Vitamins				
	RL: BIOL (Biological study)				
	(controlled-release formulations contg., <b>acrylic polymer</b> coating in)				
IT	Digestive tract				
	(drugs for, controlled-release formulations contg., <b>acrylic polymer</b> coating in)				
IT	Diarrhea				
	(inhibitors, controlled-release formulations contg., <b>acrylic</b>				

polymer coating in)  
 IT Bronchodilators  
 (antiasthmatics, controlled-release formulations contg.,  
 acrylic polymer coating in)  
 IT Pharmaceutical dosage forms  
 (capsules, controlled-release, acrylic-polymer  
 coated beads in)  
 IT Vein  
 (disease, hemorrhoid, inhibitors, controlled-release formulations  
 contg., acrylic polymer coating in)  
 IT Pharmaceutical dosage forms  
 (tablets, controlled-release, acrylic-  
 polymer coated beads in)  
 IT 57-27-2, Morphine, biological studies 58-55-9, Theophylline, biological  
 studies 64-31-3, Morphine sulfate 71-68-1, Hydromorphone hydrochloride  
 76-42-6, Oxycodone 76-57-3, Codeine 125-28-0, Dihydrocodeine  
 466-99-9, Hydromorphone 509-60-4, Dihydromorphone 52485-79-7,  
 Buprenorphine  
 RL: BIOL (Biological study)  
 (controlled-release formulations contg., acrylic  
 polymer coating in)

L9 ANSWER 17 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 119:103218 CA

OREF 119:18417a,18420a

TI Indexes of **tableting** performance for acrylic resin polymers with plastic  
 and brittle drugs

SO Drug Development and Industrial Pharmacy (1993), 19(12), 1393-411  
 CODEN: DDIPD8; ISSN: 0363-9045

AB The indexes of **tableting** performance were used to investigate the  
 compaction properties of two methacrylate ester copolymers (Eudragit RS PM  
 and RL PM) and three methacrylic acid copolymers (Eudragit S 100, L 100,  
 and L 100-55). These polymers were designed to be incorporated directly  
 into solid dosage forms for controlled-release purposes. The polymers  
 were combined in the dry state with either sodium sulfathiazole (a brittle  
 drug) or theophylline (a plastic drug) at concns. ranging from 0 to 100%  
 polymer. All powders were blended for 15 min and compacts measuring 1  
 square in. and weighing 5 g each were made using a die that decompressed  
 triaxially and a Carver press equipped with a strain gauge. Solid  
 fractions were kept const. at 0.81. Two of the **tableting** indexes, the  
 bonding index (BI) and brittle fracture index (BFI), were studied for all  
 mixts. The BFI of the sulfonamide (0.49) was nearly three times greater  
 than the BFI for theophylline (0.17). The three methacrylic acid  
 copolymers had high BFI values ranging from 0.99 to 1.60, demonstrating  
 the brittle characteristics of these polymers. The BFI decreased with  
 increasing drug content in all cases. Of the five polymers, the BI was  
 greatest for Eudragit L 100-55 with both drugs, esp. at the 20% drug  
 concn., followed by Eudragits L 100 and S 100. These three resins were  
 prepd. by a spray-drying process. The strongest interactions (pos.  
 deviations for the BFI; neg. deviations for indentation **hardness** and BI)  
 of either drug with the polymers were always seen with the spray-dried  
 materials. Low bonding indexes were obtained for both of the methacrylate  
 ester copolymers. However, all mixts. of both drug with these milled  
 polymers (RL PM and RS PM) formed successful **tablets**.

TI Indexes of **tableting** performance for acrylic resin polymers with plastic  
 and brittle drugs

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 the spray-dried materials. Low bonding indexes were obtained. . .  
 methacrylate ester copolymers. However, all mixts. of both drug with  
 these milled polymers (RL PM and RS PM) formed successful **tablets**.

ST controlled release **tablet** compression **acrylic polymer**

IT Compaction

Compression and Compressibility



(of acrylic polymers, in **tableting**)  
 IT Brittleness  
 (of **tablets** based on acrylic polymers, compaction in relation to)  
 IT Pharmaceutical dosage forms  
 (**tablets**, controlled-release, acrylic polymers in, compaction properties of)  
 IT 58-55-9, Theophylline, properties 144-74-1, Sodium sulfathiazole  
 RL: PRP (Properties)  
 (compaction properties of acrylic polymers with, an **tableting**)  
 IT 25086-15-1, Eudragit S 100 25212-88-8, Eudragit L 100-55 33434-24-1,  
 Eudragit RSPM 118606-45-4, Eudragit RLPM  
 RL: BIOL (Biological study)  
 (compaction properties of, in **tableting**)

L9 ANSWER 31 OF 34 CA COPYRIGHT 2009 ACS ON STN

Full Text

AN 99:43531 CA

OREF 99:6757a,6760a

TI Pharmaceutical composition with sustained active ingredient release

IN Moro, Luigi; Maffione, Grazia; Neri, Guido; Rigamonti, Alessandro

PA Farmitalia Carlo Erba S.p.A., Italy

SO Ger. Offen., 27 pp.

CODEN: GWXXBX

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3228999	A1	19830224	DE 1982-3228999	19820803
	DE 3228999	C2	19870402		
	DE 3228999	C3	19910627		
	AU 8286606	A	19830210	AU 1982-86606	19820730
	AU 557693	B2	19870108		
	NL 8203057	A	19830301	NL 1982-3057	19820730
	GB 2107214	A	19830427	GB 1982-22004	19820730
	GB 2107214	B	19850424		
	US 4499066	A	19850212	US 1982-403475	19820730
	AT 8202950	A	19860415	AT 1982-2950	19820730
	AT 381639	B	19861110		
	CA 1217721	A1	19870207	CA 1982-408550	19820730
	IL 66435	A	19861231	IL 1982-66435	19820801
	DK 8203456	A	19830206	DK 1982-3456	19820802
	DK 161182	B	19910610		
	DK 161182	C	19911125		
	FI 8202683	A	19830206	FI 1982-2683	19820802
	ZA 8205553	A	19830629	ZA 1982-5553	19820802
	CH 657046	A5	19860815	CH 1982-4662	19820802
	FR 2510888	A1	19830211	FR 1982-13542	19820803
	FR 2510888	B1	19860321		
	JP 58029717	A	19830222	JP 1982-134775	19820803
	JP 01016808	B	19890327		
	SE 8204581	A	19830206	SE 1982-4581	19820804
	SE 454325	B	19880425		
	SE 454325	C	19880804		

AB Sustained-release **tablets** are prepd. by granulating the excipients and coating the granules with a polymer that is essentially insol. in aq. media. The coated excipients are mixed with the active ingredient and lubricant and compressed. Varying the particle size of the excipient, the excipient/drug ratio, and the **hardness** and amt. of the polymer coating can be used to vary the sustained-release effect. Thus, 100 g of granules (0.27-0.34 mm size) consisting of 3 parts CaHPO<sub>4</sub> and 1 part microcryst. cellulose [9004-34-6] moistened with a small amt. of PVP soln. were dried in a fluidized bed and coated with 20g Paraloid A11 [51909-90-1] polymer in 100 mL CH<sub>2</sub>Cl<sub>2</sub>. **Tablets** with a **hardness** of 6 kg were prepd. from ketoprofen [22071-15-4] 100, coated excipient 180, and Mg stearate 5.6 mg. The release of ketoprofen was 90% in 3 h vs. 20 min for **tablets** with uncoated excipients.

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ST sustained release **tablet**; coating **tablet** excipient polymer  
 IT Acrylic polymers, biological studies  
 RL: BIOL (Biological study)  
 (excipient coating with, for sustained-release **tablets**)

IT **Tablets**  
 (sustained-release, excipient **acrylic polymer**  
 coating for)

IT 9011-87-4 51909-90-1  
 RL: BIOL (Biological study)  
 (excipient coating with, for sustained-release **tablets**)

IT 9004-34-6, biological studies  
 RL: BIOL (Biological study)  
 (microcryst., **tablet** excipient contg., **acrylic polymer** coating of, for sustained release)

IT 50-78-2 18464-39-6 22071-15-4 31842-01-0 57852-57-0  
 RL: BIOL (Biological study)  
 (sustained-release **tablets**, excipient **acrylic polymer** coating for)

IT 63-42-3 69-65-8 7757-93-9 9005-25-8, biological studies  
 RL: BIOL (Biological study)  
 (**tablet** excipient contg., **acrylic polymer** coating of, for sustained release)

L9 ANSWER 33 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 97:163991 CA  
 OREF 97:27369a,27372a  
 TI Visible-light-**curable** resin compositions  
 PA Teijin Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57076009	A	19820512	JP 1980-151338	19801030
Visible-light-polymerizable resin compns. are prepd. from (1) polymers having (a) Z1NRR1 [I: Z = CO <sub>2</sub> , O; Z1 = CH <sub>2</sub> CH(OH)CH <sub>2</sub> ,CHR2CHR3; R, R1 = C1-5 alkyl, CHR4CHR5OH, RR1 = C2-5 alkylene (NRR1 = 3-6 membered ring); R2,R3 = H, C1-5 alkyl; R4, R5 = H, Me, Et], and (b) Z1Z2COCR6:CHR7 (Z, Z1 as in I; Z2 = O, N(CHR8CHR9OH)CHR8CHR9O; R6 = H, Me; R7, R8, R9 = H, C1-5 alkyl) as side chains, (2) visible-light-reducible dyes, and (3) unsatd. monomers. Thus, a mixt. of 40:60 (mol %) Me methacrylate-glycidyl methacrylate copolymer [reduced viscosity 0.43 (0.5 g/dL DMF, 25°) 37.56, 2,6-di-tert-butylcresol (II) 0.4, triethylbenzylammonium iodide (III) 0.3, and methacrylic acid (IV) 7.8 g in 150 mL dioxane was heated at 90° for 6 h to give a polymer. A mixt. of the dried polymer (20 mol.% IV introduced) 20.4, III 0.15, II 0.2, and diethanolamine 5.0 g in 120 mL dioxane was heated at 60° for 7 h to give 20.1 g polymer (V). A mixt. of V 6, pentaerythritol tetraacrylate [4986-89-4] 4, methylene blue [61-73-4] 0.5 g in 100 mL CHCl <sub>3</sub> was coated on a sandblasted Al-plate with a bar-coater, dried 5 min at 60°, the coated surface was irradiated 60 s with a 460-W metal halide lamp at 85 cm distance by using Kodak photostep <b>tablet</b> no. 2 and developed with CHCl <sub>3</sub> to give a good pattern at step no. 13.				
TI	Visible-light- <b>curable</b> resin compositions			
AB	. . . coated surface was irradiated 60 s with a 460-W metal halide lamp at 85 cm distance by using Kodak photostep <b>tablet</b> no. 2 and developed with CHCl <sub>3</sub> to give a good pattern at step no. 13.			
IT	Crosslinking (photochem., of <b>acrylic polymer</b> solns. in polyfunctional acrylic monomers)			
IT	61-73-4 11121-48-5 RL: USES (Uses) (photosensitizers, for <b>acrylic polymer</b> solns. in polyfunctional acrylic monomers)			

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	89.71	89.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.12	-3.12

STN INTERNATIONAL LOGOFF AT 20:26:59 ON 24 DEC 2009